

Date: Thu, 8 Apr 93 23:31:43 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #439  
To: Info-Hams

Info-Hams Digest                      Thu, 8 Apr 93                      Volume 93 : Issue 439

Today's Topics:

                    "Message From Mir / R2MIR "  
                    Callbook Info Needed  
Pt 1/7: Examination Opportunities Scheduled 4/01/93 to 8/01/93  
Pt 7/7: Examination Opportunities Scheduled 4/01/93 to 8/01/93  
      Radio Controller for Hams, T-Hunts, DTMF decoding, etc.  
                    Remote control of ATV  
Repeater coverage on MacKenzie Trail in British Columbia, Canada  
RFD: rec.radio.amateur reorganization [discussion summary 3/31] (2 msgs)  
      rigs for 70 cm band  
      Want Jammer in Slammer

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Fri, 09 Apr 1993 04:15:25  
From: his!UUCP@uunet.uu.net  
Subject: "Message From Mir / R2MIR "  
To: info-hams@ucsd.edu

Organization: Wetware Diversions, San Francisco

Important Message from Space Station Mir

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To: All Amateur Radio Operators

Re: Operations of The R2MIR-1 P.M.S.

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W5RRR ne mozhet prochat' vashi `messag`i , iz-za bolshogo  
kolichestva soobschenij, prislannyh na W5RRR drugimi  
stancijami.  
Pozhalujsta, kogda zagruzites' - sotrite vse chuzhie messagi,  
krome teh, chto ot vas. Tolko R2MIR mozhet posylat' messages na  
W5RRR. Spasbo.

----- Translation: Via Dave N6JLH -----

W5RRR cannot read mail, because there are too many messages to W5RRR from  
other stations.  
Please delete all messages to W5RRR, except messages from you to (R2MIR).  
Only R2MIR should be sending messages to W5RRR.

Thankyou! Alex R2MIR

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It is also important to note that the crew of the Space Station  
Mir has requested on several occasions that any and all messages sent to  
them on the Mir Station's P.M.S. ( Personal Message Service ) R2MIR-1, be  
sent only in Russian. Please be patient with them, and they will reply  
when, and if their schedule permits.

All other messages sent to R2MIR, not in Russian, will be  
deleted from the P.M.S. as they have been in the past.

-----

Randy Kielich N6WDV  
Internet: randyk@wet.com  
Packet: W6PW.#NOCAL.CA.USA.NA

-----

Date: Thu, 08 Apr 1993 23:23:14  
From: his!UUCP@uunet.uu.net  
Subject: Callbook Info Needed  
To: info-hams@ucsd.edu

Organization: Black Belt Motorcyclists Association

In article <1993Apr5.224434.587@ttinews.tti.com> paulb@harley.tti.com (Paul  
Blumstein) writes:

+I worked KN5BN near tulsa recently. I generally use the on-line  
+call book for address info since I do not need callbook info  
+often. However, the on-line one has calls thru around 6/92 and  
+this call just missed that deadline, so I am pretty sure that  
+he is in the '93 callbook.

+

+Bottom line: Would some kind soul with a '93 callbook please  
+send me this guys name & address so that I can send him a qsl  
+card? Thanks, in advance.

Disregard part of what I said. I suffered a temporary mind lapse.  
I meant KJ5BN . TIA

-----  
You're not having fun until they dial 911 -- (from a t-shirt)  
-----

Paul Blumstein, paulb@harley.tti.com, DoD #36, ABATE, AMA, HOG, doh #2  
KD6LAA, MARC, ARRL, Platypus #240, QRP-ARPCI, NASWA, LWCA, RCMA (CALA905)  
Transaction Technology, Inc., Santa Monica, CA

-----  
Date: Thu, 08 Apr 1993 18:18:19  
From: his!UUCP@uunet.uu.net  
Subject: Pt 1/7: Examination Opportunities Scheduled 4/01/93 to 8/01/93  
To: info-hams@ucsd.edu

Organization: American Radio Relay League - VEC  
Distribution: 'na'  
Followup-To: rec.radio.amateur.misc  
Approved: rec-radio-info@ve6mgs.ampr.ab.ca

#### AMATEUR RADIO EXAMINATION OPPORTUNITIES

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Special Note: The FCC has announced that their license  
processing time is at 90 days--from the date they receive the  
application. The FCC usually receives the application one  
to two weeks after the test session (once the VE Team and the  
coordinating VEC have completed their processing).

This can mean that a license may not arrive until more than 100  
or more days from the test session has elapsed.

Note: Codeless Technician to Technician w/HF upgraders (who pass a  
Morse code test) will not receive a new license from the FCC.

The existing Technician license plus the CSCE conveying the Morse code test credit is the only documentation issued for use of the additional HF privileges.

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The following test session information is provided by the ARRL/VEC for the upcoming six to eight week period. For further information, please contact the test session CONTACT PERSON at the telephone number provided. If necessary, you may contact the ARRL/VEC at 203-666-1541 x282 for additional information. Electronic mail may be forwarded to the ARRL/VEC via USENET at "bjahnke@arrl.org" or via MCI Mail to MCI ID: 215-5052.

Although the test session information presented here does not indicate whether walk-ins are accepted or not, most test sessions do allow walk-ins. We encourage you, however, to always contact the CONTACT PERSON at the telephone number provided so that the VE Team is aware that you be attending the test session.

#### STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 203-666-1541 x219. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "rwhite@arrl.org" or via MCI Mail to MCI ID: 215-5052.

#### EXAM LISTINGS - DEFINITION OF FIELDS

##### STATE

Test Date,VEC,City,,Contact Phone,Contact Person

The SECOND field in the following listing specifies the VEC which is coordinating this examination. This single-character designator denotes the VEC as defined below. An "A" (for example) indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not

find any examinations listed for your area, you may contact any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 203-666-1541  
The 1993 Test Fee is \$5.60.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;  
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121  
(or) 907-274-5546

C = Central Alabama VEC, 1215 Dale Dr SE, Huntsville, AL 35801;  
205-536-3904

N = Charlotte VEC, 227 Bennett Ln, Charlotte, NC 28213;  
704-596-2168

D = Great Lakes ARC VEC Inc., PO Box 273, Glenview, IL 60025;  
708-486-8019

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;  
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 73665, Metairie, LA 70033; No phone

K = Koolau ARC, 45-529 Nakulua St, Kaneohe, HI 96744;  
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;  
(d) 301-572-5124, 301-317-7819, (n) 301-588-3924

M = The Milwaukee RAC Inc., 1737 N 116th St, Wauwatosa, WI 53226;  
414-774-6999

H = Mountain ARC, PO Box 234, Cumberland, MD 21502; 304-289-3576

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 92044; 619-465-3926

S = Sunnyvale VEC ARC, PO Box 60142, Sunnyvale, CA 94088-0142;  
408-255-9000

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27260;  
919-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,

Knoxville, TN 37912-2545; 615-688-7771.

The 1993 Test Fee is \$5.60.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443

The 1993 Test Fee is \$5.60.

#### EXAMINATION OPPORTUNITIES IN YOUR AREA:

##### ALABAMA

04/24/93,A,Montgomery,,205-269-4201,Leroy Bell Jr  
05/15/93,A,Decatur,,205-353-8266,Richard Navarre, WB4NKK  
05/29/93,A,Montgomery,,205-269-4201,Leroy Bell Jr  
06/26/93,A,Montgomery,,205-269-4201,Leroy Bell Jr  
07/17/93,A,Decatur,,205-353-8266,Richard Navarre, WB4NKK  
07/31/93,A,Montgomery,,205-269-4201,Leroy Bell Jr

##### ARKANSAS

04/03/93,A,Siloam Springs,,918-326-4631,Ward Trammell  
04/10/93,A,Conway,,,Glenn A King - 1 Daniel Ln - Conway AR 72032  
04/10/93,A,Fort Smith,,501-632-4276,Mark Manes, WC5I  
04/10/93,A,Little Rock,,501-666-6337,William L James  
04/10/93,W,West Memphis,,501-739-4029,Gene Bagley  
04/13/93,A,Arkadelphia,,501-246-6734,James T Blackmon  
04/13/93,A,Jacksonville,,501-982-6511,Vernon A Oberle  
04/17/93,A,Mountain Home,,501-430-5123,Gerald Gaige  
04/17/93,A,N Little Rock,,501-888-7517,Chuck Jamison  
05/01/93,A,Conway,,,Glenn A King - 1 Daniel Ln - Conway AR 72032  
05/01/93,A,Siloam Springs,,918-326-4631,Ward Trammell  
05/08/93,A,Little Rock,,501-753-2207,Dora Anna Graziani  
05/08/93,A,Russellville,,501-641-2022,Ben Hillis  
05/08/93,W,West Memphis,,501-739-4029,Gene Bagley  
05/11/93,A,Arkadelphia,,501-246-6734,James T Blackmon  
05/11/93,A,Jacksonville,,501-982-6511,Vernon A Oberle  
05/15/93,A,Batesville,,501-251-3415,Dom Esposito  
05/15/93,A,Mountain Home,,501-430-5123,Gerald Gaige  
05/15/93,A,N Little Rock,,501-888-7517,Chuck Jamison  
06/05/93,A,Conway,,,Glenn A King - 1 Daniel Ln - Conway AR 72032  
06/05/93,A,Siloam Springs,,918-326-4631,Ward Trammell  
06/08/93,A,Arkadelphia,,501-246-6734,James T Blackmon  
06/08/93,A,Jacksonville,,501-982-6511,Vernon A Oberle  
06/12/93,A,Little Rock,,501-666-6337,William L James  
06/12/93,W,West Memphis,,501-739-4029,Gene Bagley  
06/19/93,A,Mountain Home,,501-430-5123,Gerald Gaige  
06/19/93,A,N Little Rock,,501-888-7517,Chuck Jamison  
07/03/93,A,Conway,,,Glenn A King - 1 Daniel Ln - Conway AR 72032  
07/03/93,A,Siloam Springs,,918-326-4631,Ward Trammell

07/10/93,A, Little Rock,,501-753-2207,Dora Anna Graziani  
07/10/93,W,West Memphis,,501-739-4029,Gene Bagley  
07/13/93,A,Arkadelphia,,501-246-6734,James T Blackmon  
07/17/93,A,Mountain Home,,501-430-5123,Gerald Gaige  
07/17/93,A,N Little Rock,,501-888-7517,Chuck Jamison

#### ARIZONA

04/03/93,A,Phoenix,,602-972-8733,Ray Sumner, NW7R  
04/13/93,A,Page,,602-645-2304,Paul Hamilton N7SBW  
04/17/93,A,Tempe,,602-838-2005,Roger Hightower  
04/17/93,A,Tucson,,602-577-1050,Robert Olson  
05/01/93,A,Phoenix,,602-972-8733,Ray Sumner, NW7R  
05/15/93,A,Tempe,,602-838-2005,Roger Hightower  
05/15/93,A,Tucson,,602-577-1050,Robert Olson  
06/05/93,A,Phoenix,,602-972-8733,Ray Sumner, NW7R  
06/19/93,A,Tempe,,602-838-2005,Roger Hightower  
06/19/93,A,Tucson,,602-577-1050,Robert Olson  
07/17/93,A,Tempe,,602-838-2005,Roger Hightower

#### CUPERTINO

04/03/93,A,Cupertino,,408-984-8353,ARRL Info Hotline  
04/03/93,A,Los Angeles,,213-778-6226,Ali Hassan  
04/03/93,A,Ontario,,818-810-0442,Harry J Kozlowski Jr  
04/03/93,A,Parhump,,805-642-0077,Stuart Condron  
04/03/93,A,Santa Rosa,,707-527-0981,David A New  
04/04/93,A,Los Angeles,,310-530-5417,Sam Olivarez  
04/06/93,A,Palmdale,,805-264-1279,Rob Williams  
04/10/93,A,Fontana,,909-829-8837,Richard Avery  
04/10/93,A,Fontana,,714-823-0634,Rick Avery  
04/10/93,A,Manhattan Beach,,213-328-0817,Joe Lanphen  
04/10/93,A,Santa Clara,,415-255-6317,Max DeCastro, Jr  
04/10/93,A,Santa Maria,,805-937-6269,Dan Daniels KD6AUY  
04/13/93,A,Los Angeles,,310-530-5417,Sam Olivarez  
04/14/93,A,Santa Ana,,714-835-5381,Cindy Hughes  
04/15/93,A,Pasadena,,818-447-8475,Jan A Tarsala  
04/17/93,A,Cupertino,,408-984-8353,ARRL Info Hotline  
04/17/93,A,Downey,,213-923-5598,Wesley Printz  
04/17/93,A,French Camp,,209-952-5996,Ed Stevens  
04/17/93,A,Long Beach,,310-431-8998,Ken Newkirk  
04/17/93,A,Sacramento,,916-925-0159,Lyle B Aufranc  
04/17/93,A,San Bernardino,,714-864-2656,John P Mc Cann  
04/22/93,A,Petaluma,,707-762-9414,Dale Westerterp WB6TMS  
04/24/93,A,Fresno,,209-227-3684,William Post  
04/24/93,A,Los Angeles,,310-820-1234,Ray Cardenas  
04/24/93,A,Sonora,,209-586-1671,Carol Brown, KJ6OC  
04/24/93,A,Vacaville,,707-429-4878,Barbara Zemaitis KM6AC  
04/24/93,A,Weed,,916-926-2535,Irv Astmann

-----  
Date: Thu, 08 Apr 1993 18:18:19  
From: his!UUCP@uunet.uu.net  
Subject: Pt 7/7: Examination Opportunities Scheduled 4/01/93 to 8/01/93  
To: info-hams@ucsd.edu

07/15/93,A,Arlington,,817-274-7676,Bill Bybee  
07/15/93,A,Duncanville,,,Lynn N5KJW  
07/17/93,A,Irving,,214-252-8015,William Revis, Jr  
07/17/93,5,Plano,, 442-2592,John Scanlan  
07/17/93,A,Tomball,,713-351-8930,Paul Frantz  
07/21/93,A,Arlington,,817-572-6511,Ron Land  
07/22/93,A,Arlington,,817-274-7676,Bill Bybee  
07/22/93,A,Baytown,,713-426-7646,Lynnette Elder, N5KJO  
07/22/93,A,Baytown,,713-426-7200,Mike Elder  
07/22/93,A,San Antonio,,512-733-1744,Herbert M Allison  
07/24/93,A,Arlington,,817-274-7676,Bill Bybee  
07/24/93,5,Dallas,,214-480-1903,Bill Warner  
07/26/93,5,Ft Worth,,817-640-4452,Charles Knight  
07/28/93,A,Arlington,,817-572-6511,Ron Land  
07/28/93,5,Garland,, 272-0224,Alex Cole  
07/29/93,A,Arlington,,817-274-7676,Bill Bybee  
07/31/93,A,Belton,,817-933-5287,David Bumpus  
08/01/93,5,McKinney,,903-455-2746,Charles Borneman, NT5R

#### UTAH

04/10/93,A,Salt Lake City,,801-582-2438,Gordon R Smith  
04/17/93,A,Logan,,801-753-4843,Paul Hansen  
05/01/93,A,Ogden,,801-731-7573,Mike Fullmer  
06/05/93,A,Salt Lake City,,801-582-2438,Gordon R Smith  
07/07/93,A,Farmington,,801-292-8110,L Brent Thomas

#### VIRGINIA

04/01/93,A,Stafford,,703-659-6241,David G Boyd  
04/03/93,A,Middletown,,703-869-5241,Walter Quitter  
04/03/93,A,Virginia Beach,,804-424-4764,Bill Verebely  
04/09/93,A,Culpeper,,703-547-3089,Bill Brown  
04/10/93,A,Harrisonburg,,703-856-8012,Marshall Cooper  
04/10/93,A,Richmond,,804-798-5048,Rick Cook  
04/11/93,A,Bedford,,703-297-5351,Bob Treacy W2QZY  
04/16/93,A,Roanoke,,703-268-1017,Gordon Garrett  
04/17/93,A,Tappahannock,,804-443-5092,Sylvia Massie AA4GL  
05/01/93,A,Charlottesville,,804-973-1094,John D Gray  
05/01/93,A,Clifton Forge,,703-747-3193,Gary J. Bostic  
05/01/93,A,Fredricksburg,,703-373-7076,Carolyn Cavanagh, AC4SK  
05/03/93,A,Warrenton,,703-364-3861,Neil Spokes  
05/09/93,A,Bedford,,703-297-5351,Bob Treacy W2QZY

05/15/93,W,Roanoke,,703-366-6266,Fred L. Horton  
05/21/93,A,Roanoke,,703-268-1017,Gordon Garrett  
06/11/93,A,Culpeper,,703-547-3089,Bill Brown  
06/12/93,A,Harrisonburg,,703-856-8012,Marshall Cooper  
06/13/93,A,Bedford,,703-297-5351,Bob Treacy W2QZY  
06/18/93,A,Roanoke,,703-268-1017,Gordon Garrett  
07/11/93,A,Bedford,,703-297-5351,Bob Treacy W2QZY  
07/16/93,A,Roanoke,,703-268-1017,Gordon Garrett

#### VERMONT

04/03/93,A,Bennington,,802-447-3330,Micky Corrow, N1JIF  
04/25/93,5,Lyndonville,,802-626-9028,Al Dilley  
05/02/93,A,Burlington,,802-878-6454,Ralph T Stetson III  
05/15/93,A,Montpelier,,802-433-6172,Bob McCorkle  
06/05/93,5,So Burlington,,802-879-6589,Mitchell Stern  
07/11/93,A,Burlington,,802-878-6454,Ralph T Stetson III  
07/25/93,5,Newport,,802-626-9028,Alfred Dilley

#### WASHINGTON

04/03/93,A,Kent,,206-277-2220,Meredith Johnson, N7QOA  
04/03/93,A,Spokane,,509-924-2928,Nancy Pease N7UTH  
04/08/93,A,FT Lewis,,206-843-1938,William Mullinax  
04/08/93,A,West Linn,,206-887-3766,William St John  
04/10/93,A,Tukwila,,206-523-9117,Harry Lewis  
04/14/93,A,Everett,,206-353-8810,L R Luchi W7KZE  
04/17/93,A,Clarkston,,509-243-4395,Keith Hawkins  
04/17/93,A,Grand Coulee,,509-633-1738,Bill or Joyce Moore  
04/21/93,A,Burley,,206-876-1399,David Brooks  
04/22/93,A,FT Lewis,,206-843-1938,William Mullinax  
04/24/93,A,Bremerton,,206-698-9205,David H Kleinschmidt  
04/24/93,A,Marysville,,206-335-5158,Loren Hole  
04/25/93,A,Vancouver,,206-892-7291,Wayne Schuler  
04/28/93,A,Everett,,206-882-2818,Bruce Holm  
05/01/93,A,Kent,,206-277-2220,Meredith Johnson, N7QOA  
05/08/93,A,Tukwila,,206-523-9117,Harry Lewis  
05/12/93,A,Everett,,206-353-8810,L R Luchi W7KZE  
05/13/93,A,FT Lewis,,206-843-1938,William Mullinax  
05/22/93,A,Bremerton,,206-698-9205,David H Kleinschmidt  
05/22/93,A,Marysville,,206-335-5158,Loren Hole  
05/26/93,A,Everett,,206-882-2818,Bruce Holm  
05/27/93,A,FT Lewis,,206-843-1938,William Mullinax  
06/05/93,A,Kent,,206-277-2220,Meredith Johnson, N7QOA  
06/09/93,A,Everett,,206-353-8810,L R Luchi W7KZE  
06/10/93,A,FT Lewis,,206-843-1938,William Mullinax  
06/12/93,A,Tukwila,,206-523-9117,Harry Lewis  
06/23/93,A,Everett,,206-882-2818,Bruce Holm  
06/24/93,A,FT Lewis,,206-843-1938,William Mullinax  
06/26/93,A,Bremerton,,206-698-9205,David H Kleinschmidt

06/26/93,A,Marysville,,206-335-5158,Loren Hole  
07/03/93,A,Kent,,206-277-2220,Meredith Johnson, N7Q0A  
07/08/93,A,FT Lewis,,206-843-1938,William Mullinax  
07/10/93,A,Spokane,,509-924-2928,Nancy L Pease, N7UTH  
07/10/93,A,Tukwila,,206-523-9117,Harry Lewis  
07/14/93,A,Everett,,206-353-8810,L R Luchi W7KZE  
07/22/93,A,FT Lewis,,206-843-1938,William Mullinax  
07/24/93,A,Bremerton,,206-698-9205,David H Kleinschmidt  
07/24/93,A,Marysville,,206-335-5158,Loren Hole  
07/27/93,A,Clarkston,,509-243-4395,Keith Hawkins  
07/28/93,A,Everett,,206-882-2818,Bruce Holm

#### WISCONSIN

04/03/93,A,Marinette,,715-732-2496,Terry Dobrzanski  
04/03/93,A,Racine,,414-658-8390,William Firchow  
04/03/93,A,River Falls,,715-425-2428,Chuck Kelly  
04/05/93,A,Schofield,,715-536-4595,Anthony Hermanek  
04/10/93,A,Ashland,,715-561-2802,Dale Ristrom  
04/10/93,A,Madison,,608-832-6631,Mark Jenks  
04/13/93,A,Merrill,,715-539-2000,Sharon L Harris  
04/17/93,A,Park Falls,,715-762-4948,Art Dunham  
04/24/93,A,Superior,,218-626-2590,Douglas Nelson  
04/24/93,A,Tomahawk,,715-453-7096,Gregory Garner  
04/24/93,A,Wisconsin Rapids,,715-422-3595,Gene Santoski  
05/01/93,A,Racine,,414-658-8390,William Firchow  
05/08/93,A,Madison,,608-832-6631,Mark Jenks  
05/08/93,A,Manitowoc,,414-788-3823,Larry Siebers  
05/08/93,A,Marshfield,,715-389-2256,Robert McDaniel  
05/22/93,A,Racine,,414-658-8390,William Firchow  
05/29/93,A,Tomahawk,,715-453-7096,Gregory Garner  
06/05/93,A,Racine,,414-658-8390,William Firchow  
06/12/93,A,Appleton,,414-788-3823,Larry Siebers  
06/12/93,A,River Falls,,715-425-2428,Chuck Kelly  
06/26/93,A,Tomahawk,,715-453-7096,Gregory Garner  
07/10/93,A,Marshfield,,715-389-2256,Robert McDaniel  
07/31/93,A,Tomahawk,,715-453-7096,Gregory Garner

#### WEST VIRGINIA

04/06/93,A,Parkersburg,,304-863-3597,Curtis Fouse  
04/10/93,A,Martinsburg,,301-834-8831,Lester M. Reynolds  
05/11/93,A,Fairmont,,304-366-0132,Robert Robinson  
05/23/93,A,Ripley,,304-372-4370,Edwin Duff  
06/05/93,A,Martinsburg,,301-834-8831,Lester M. Reynolds  
07/03/93,A,Jackson's Mill,,304-292-9404,Robert Robinson

#### WYOMING

04/01/93,A,Torrington,,307-532-5291,Lee Milner  
04/17/93,A,Evanston,,307-787-3172,Paul MacDonald

04/24/93,A,Cheyenne,,307-637-8634,Wilson Sellner  
05/05/93,A,Cheyenne,,307-777-4499,Wilson F Sellner  
07/17/93,A,Cheyenne,,307-637-8634,Wilson Sellner

Examinations Opportunities Scheduled Outside The United States:

AMERICAN SOMOA

05/08/93,A,Mapusaga Village,,684-699-2420,Michael Homsany

ENGLAND

04/04/93,A,West Yorkshire,,,0423-506-988,Gerald D Bliss

GUAM

04/11/93,A,Adelup,,627-646-7611,Harry Y Taguchi

07/04/93,A,Adelup,,627-646-7611,Harry Y Taguchi

JAPAN

04/10/93,A,Okinawa,,098-897-7381,Michael E Fultz

US VIRGIN ISLANDS

05/15/93,A,ST Thomas,,809-774-6663,Kluas Willems

\*eof

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Date: Fri, 09 Apr 1993 02:15:29  
From: his!UUCP@uunet.uu.net  
Subject: Radio Controller for Hams, T-Hunts, DTMF decoding, etc.  
To: info-hams@ucsd.edu

Organization: University of California, Irvine  
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Marty, N6ZAV and I have recently developed a multi-function radio controller kit for amateurs, RaCon 6805. The device is based on the Motorola 6805C8 mirco-controller chip. Along with the CPU, it has a MAX232 serial interface for communicating with PC's, a DTMF decoder for remote controlling, and a couple other IC's. RaCon also has a TNC like interface for interfacing to the microphone and speaker ports of connected transciever, as well as PTT management. We also have 16 binary I/O lines going from the chip to a generic data port for future expansion. Several functions are burned onto the 6805 chip, which are jumper, serial, or DTMF selectable.

Our first goal was to build a fox box controller. This would

allow a T-hunter to hide this box, along with a radio somewhere remote (in a tree or a box), and remotely control transmissions with a second radio. RaCon has DTMF programmable callsign, tone sequences, and duty cycles. The callsign of the owner of the kit is burned into the chip. It also has the ability to audio repeat the incoming audio back out to the transmitter, so you can "talk through" the hidden T. It also has security features to prevent unauthorized controlling.

The next function we built was a DTMF decoder, which took incoming audio from the radio (or even a scanner), and sent an ASCII representation out the serial port to a computer. Fun and useful. Then, we made a CW (actually Modulated CW) Keyer which took incoming serial characters, and sent corresponding Morse code characters out the radio port. RaCon handles the PTT line, so you just type. It can be used to send code practice, or engage in a CW QSO with a friend. Next, we made a DTMF Controller, which took DTMF commands to control the state of the 8 binary output lines on the CPU. These lines could be connected to relays to allow remote controlling of external devices.

The final function we have created, so far, is an Auto Pager. Most of my local ham friends have pagers, and we frequently page each other to frequencies, rather than phone numbers. The Auto Pager listens to incoming DTMF commands and then, with a modem connected through a null modem cable on the serial port, dials a pager company and sends a message. For example, if I dial "#2125" on the frequency the Auto Pager is set up to monitor (could even be a repeater), RaCon will dial Marty's pager, and send a message that I want to meet him on "146.895".

What all this leads to is this: Has anyone ever done anything like this before? Can you think of anymore functionality we can add to our existing functions? Can you think of any more functions we can add that would use the hardware we have on the board (DTMF, serial, etc)? Can you think of any new hardware modules we could add to the data port to improve functionality (we have been thinking of a DTMF encoder, a phone interface, and an antenna switch)? Do you have any comments at all?

The kits cost \$79, and come with everything but a chassis, and cables. If you are interested in one, want more info, or have feedback, e-mail me. Thanks & 73.

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Byon Garrabrant - KD6BCH - eahu099@orion.oac.uci.edu (posted by a friend)  
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Date: Thu, 08 Apr 1993 22:17:08  
From: his!UUCP@uunet.uu.net  
Subject: Remote control of ATV  
To: info-hams@ucsd.edu

Organization: BDS Systems

> The idea is to give those of us hanging out in the paddock area a  
> view of what's going on out on the track. This would be just for  
> fun, and in no way involved in the actual business of running of the  
> event. I would like to set up a control link so that I could switch  
> the transmitter on-and-off via 220 or 440.

Sure, it's legal. Since you are placing a way to turn off the transmitter via the control link, then you are using "remote control" of the station.

97.109 Station Control (b). When a station is being remotely controlled, the control operator must be present at the control point. Any station may be remotely controlled.

Make sure you meet the rules for remote control though:

97.213 Remote Control of a station

An amateur station may be remotely controlled where:

(a) There is a radio or wireline control link between the control point and the station sufficient for the control operator to perform his/her duties. If radio, the control link must use an auxiliary station.

(b) Provisions are incorporated to limit transmission by the station to a period of no more than 3 minutes in the event of malfunction of the control link.

(c) A photocopy of the station license and a label with the name, address, and telephone number of the station licensee and at least one designated control operator is posted in a conspicuous place at the station location.

Now for auxiliary stations (your control link):

97.201 Auxiliary Station.

(a) Any amateur station licensed to a holder of a [Technician or higher] operator license may be an auxiliary station. A holder of a [Technician or higher] operator license may be the control operator of an auxiliary station, subject to the privileges of the class of operator license held.

(b) An auxiliary station may transmit only on the 1.25m and shorter

wavelengths, except the 431-433 MHz and 435-438 MHz segments.

(c) Where an auxiliary station causes harmful interference to another auxiliary station, the licensees are equally and fully responsible for resolving the interference unless one station's operation is recommended by a frequency coordinator and the other station's is not. In that case, the licensee of the non-coordinated station has primary responsibility to resolve the interference.

(d) An auxiliary station may be automatically controlled only when it is part of a system that includes a repeater that is also being automatically controlled. [I have never understood the reason for this rule]

(e) An auxiliary station may transmit one-way communications.

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Date: Thu, 08 Apr 93 21:29:46 PDT  
From: sdd.hp.com!zaphod.mps.ohio-state.edu!howland.reston.ans.net!gatech!  
destroyer!cs.ubc.ca!mala.bc.ca!oneb!ham!emd@network.UCSD.EDU  
Subject: Repeater coverage on MacKenzie Trail in British Columbia, Canada  
To: info-hams@ucsd.edu

chowe@bbn.com (Carl Howe) writes:

> Hi,  
>  
> I have a friend here who is going to go hiking in a part of  
> British Columbia and is wondering what to carry with regard to  
> emergency communications equipment. He is willing to study for and  
> get a Technician license so he can carry a 2m handi, but that just  
> leads to the question of whether there will be any repeater coverage  
> should he run into trouble.  
>  
> The area he'll be hiking is the Alexander MacKenzie Trail between  
> Quesnel and Bella Coola. This will take him through the Tweesmut  
> Provincial Park, but much of the hiking will be outside, and there are  
> 8000+ foot mountains around. I was wondering if any B.C. hams might  
> be familiar with this area and had any suggestions regarding possible  
> repeater (or any type of radio) coverage of the area for emergency  
> use. My guess is that there is little or none, but I'm not  
> familiar with the area, and I would be happy to be surprised.  
>  
> Thanks in advance for any information you might provide,  
> Carl Howe  
> WG1V  
> chowe@bbn.com

Well, the repeaters in the area he is planning to go to are rather sparse, but the repeaters that do exist often provide wide spread coverage. Here's a list of what was current several years ago, when I was the VHF coordinator.

Prince George 146.28/88  
Quesnel 146.46/147.06  
(may now be off the air)  
Vanderhoof 146.28/88  
Houston 147.66/147.06  
Fort Fraser 147.63/147.03  
Smithers 146.28/.88  
Smithers 146.34/.94  
Terrace 146.10/.70  
Terrace 146.25/.85  
Terrace 146.46/147.06  
Prince Rupert 146.28/.88  
Prince Rupert 146.34/.94  
Prince Rupert 147.88/147.28  
Williams Lake 146.02/.62  
Williams Lake 146.04/.64  
Williams Lake 147.72/147.12

All these are in the form input freq/output freq of the repeater.

And, all these are somewhat off the track for your buddy, although many of these will be in range part of the time.

There is an extensive system of logging company radios, and BC Tel has wide coverage through radio telephone. (Or had, anyway, and I don't think there's much if any cellular up there yet.)

If your buddy wants emergency communications in that area, my suggestion is that he rent a portable VHF rig for BC Tel frequencies. (I don't know where he can do this). This would, I think, give him the broadest coverage.

Robert Smits  
VE7EMD  
Ladysmith B.C.  
e-mail: emd@ham.almanac.bc.ca

There is \*no\* idiotproof filter.  
Idiots are proof against anything!  
- Richard Chycoski, VE7CVS

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Date: Wed, 07 Apr 1993 19:38:47  
From: his!UUCP@uunet.uu.net  
Subject: RFD: rec.radio.amateur reorganization [discussion summary 3/31]  
To: info-hams@ucsd.edu

Organization: Cray Research, Inc.

In article <84ty0394cf5p00@amdahl.uts.amdahl.com>, ikluft@uts.amdahl.com (Ian Klufft) writes:

> hbe@loretta.la.ca.us (Harris Boldt Edelman) writes:  
> >Ian Klufft, in <efB803hDceof00@amdahl.uts.amdahl.com>, states that there  
> >is support for the proposed reorganization of rec.radio.amateur, then  
> >presents a tally whose numbers show that a majority of those participating  
> >in the discussion did not favor the proposal. This is invidious.  
>  
> When you take out the undecided or unclear (unclear == one-liners not  
> expressing any opinion) comments, it's 2-to-1 in favor of the split.

Or rather, 13 to 7 or 8 in real numbers. I think you'll be amazed at the number of folks waiting in the wings to vote a resounding NO (of course, I could be amazed by the number of folks just waiting to vote YES too..) I am singularly unmoved by the "it worked in rec.autos, rec.aviation etc arguments - is there a guerilla force that moves from group to group dreaming up splits ? Where to next ?

FWIW - I also think .info was a total waste of time, Paul Schleck (apologies if I mis-spelt your name) explained the rationale to me ("kill file hack"). I still can't hack my kill file to make it work, and I suspect there are many more like me...

20 or 21 replies seems to me like a poor response for a request for a QSL route, let alone a reorg RFD.

--  
andyw. NØREN/G1XRL

andyw@aspen.cray.com Andy Warner, Cray Research, Inc. (612) 683-5835

-----  
Date: Fri, 09 Apr 1993 03:13:55  
From: his!UUCP@uunet.uu.net  
Subject: RFD: rec.radio.amateur reorganization [discussion summary 3/31]  
To: info-hams@ucsd.edu

Organization: University of Nebraska at Omaha

andyw@aspen32.cray.com (Andy Warner) writes:

>FWIW - I also think .info was a total waste of time, Paul Schleck (apologies  
>if I mis-spelt your name) explained the rationale to me ("kill file hack").  
>I still can't hack my kill file to make it work, and I suspect there  
>are many more like me...

You've spelled it right. What newsreader are you using? The ability to  
kill articles cross-posted to a certain group is a hallowed feature on  
most major newsreaders.

In rn, according to Leanne Phillips in her rn kill-file FAQ, add a line of  
the form:

```
/Newsgroups:.*[ ,]rec\.radio\.info/h:j
```

either in News/KILL (if you don't want to see rec.radio.info articles  
anywhere) or News/rec/radio/amateur/misc/KILL (if you don't want to see  
them in rec.radio.amateur.misc). The latter method means your kill file  
will only be consulted during rec.radio.amateur.misc (and hence runs  
more efficiently), and will probably work for most people.

In nn, according to Bill Wohler in his nn FAQ, add a line of the form:

```
rec.radio.info:!s/:^
```

in .nn/kill (if you don't want to see rec.radio.info articles anywhere),  
or put the following lines:

```
sequence  
rec.radio.info  
rec.radio.
```

at the end of .nn/init in order to see all the rec.radio.info bulletins  
first, then read rec.radio.amateur.misc without the bulletins.

Personally, I read rec.radio.info, and use the sequence technique with:

```
rec.radio.info:!n:Cary Oler
```

in my .nn/kill file (nothing personal Cary, just not interested in Solar  
Reports :-).

I'd certainly be willing to work with anyone who wants to set up such a  
scheme to customize their presentation of the rec.radio.\* groups,  
even if they are using a reader other than nn or rn (rec.radio.\* groups  
only, please, I don't have time to give kill-file help to the entire  
net).

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

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Date: Fri, 09 Apr 1993 04:00:13  
From: his!UUCP@uunet.uu.net  
Subject: rigs for 70 cm band  
To: info-hams@ucsd.edu

Organization: University of California, Berkeley

In article <1993Apr5.172831.18824@hemlock.cray.com> dadams@cray.com writes:

>  
>While thumbing through my latest AES catalog, I notice that several of  
>the rigs advertized which operate on 70 cm offer the capability  
>to transmit on 440-450 MHz. (Example Alinco DJ-580T handheld,  
>DR-599T 2m/70cm mobile. Or on 438-450. (Example Kenwood  
>TH-78A, TH-48A, TH-46AT.)

>  
>But I notice that the 70 cm band goes from 420-450 MHz. Why don't  
>these comercial rigs cover the band? Does most of 70 cm go unused?  
>Why?

>  
I don't know about any other product lines, but Yaesu's dual-band HTs  
(FT-470, which I own, and FT-530, which I occasionally wish I owned :)  
cover 430-450 Tx/Rx on the UHF side (plus expanded receive, at least  
my 470 receives ~420-470 or so).

As far as I understand, 440-450 is where most all FM activity lives,  
which is why the rigs you mentioned (which are all FM-only units if  
I'm not mistaken) cover this band. I believe that most 430-440 activity  
is weak-signal (i.e. SSB and CW, or is it CW first and then SSB :), and  
most multimode rigs cover this chunk of the band. What I do not know  
about is 420-430, so I am left to speculate that it is essentially  
experimental in use, because I've never heard an actual FM signal  
there (and I have no other receiver to cover that band).

One reason that I think I may soon be happy to have the Yaesu is a  
new satelite which I believe was called ARSENE, and was to use  
FM AFSK (i.e. normal terrestrial) packet, with a 435ish uplink  
and a 2-meter downlink :) Now all I need is a 440 amp.

Hope it helps, hope somebody else can tell us what, if anything  
happens on 420-430, and hope somebody knows anything about that  
satelite (poor college student trying to play with satelites ;)

...

Andy Collins, KC6YFY  
acollins@uclink.berkeley.edu

-----  
Date: Fri, 09 Apr 1993 03:02:16  
From: his!UUCP@uunet.uu.net  
Subject: Want Jammer in Slammer  
To: info-hams@ucsd.edu

Organization: HP Sonoma County (SRSD/MWTD/MID)

Don Hay (donh@hpcuhe.cup.hp.com) wrote:

: A 2 meter jammer has driven me to post! A local repeater here in the bay  
: area has been putting up with a jamming station for quite some time now!  
: We all have been practicing the obvious, ignore him, he will eventually  
: go away. Lately though, this station has interfered with "Emergency"  
: phone patch traffic on numerous occasions. This is where I draw the line!

: Since the amateur community is "self policing" these days, what is one to  
: do? Round up all the direction finding equipment in the area and find this  
: individual? Then what? Somewhat like the dog that chases the car, what to  
: do once you've caught it! Should you get your friends together and have a  
: blanket party?

Contact your ARRL Section Manager. The Amateur Auxiliary (I think it's  
called) is now working closely with the FCC on these problems. If your  
SM doesn't know about it, contact the Pacific Div Director. Addresses  
and phone numbers are in every issue of QST.

AL N1AL

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End of Info-Hams Digest V93 #439

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